

TYPICAL PARABOLIC LAYOUT

PARABOLIC FLARE OFFSETS

TYPE IIF LAYOUT
(EMBANKMENT GUARD RAILING INSTALLATION WITH A
BURIED END ANCHOR TREATMENT AT EACH END OF RAILING
See Notes 5 and 10)

TYPE IIG LAYOUT
(EMBANKMENT GUARD RAILING INSTALLATION WITH FLARED END TREATMENT
AND A BURIED END ANCHOR TREATMENT AT THE ENDS OF RAILING)
See Notes 5 and 10

6. The type of terminal system end treatment to be used will be shown on the Project Plans.
7. Dependent on site conditions (embankment height and side slope), construction of additional guard railing (length equal to multiples of 3.8 m with 1.9 m post spacing) may be advisable.
8. The 15:1 or flatter flare used with buried end and anchors is based on the edge of the paved shoulder or offset line of edge of the traveled way. The length of guard railing within the 15:1 or flatter flare is based on site conditions and should be a length equal to multiples of 3.8 meters.
9. For details of the buried post end anchor used with Type 11F and 11G Layouts, see Standard Plan A7712.
10. Where placement of dike is required with guard railing installations, see Standard Plan A77C4 for dike positioning details.
11. For typical flare offsets for 7.6 m length parabola with maximum offset of 305 mm, see Standard Plan A77E1.

METAL BEAM GUARD RAILING TYPICAL LAYOUTS FOR EMBANKMENTS

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

A77E3